

## ABSTRACT OF THE DISCLOSURE

A female-screw mechanism and a nut, comprising an insert attached to a female screw. The diameter of at least one turn at one end of the insert on the side for the insertion of a male screw into the insert is smaller than the diameter of the male screw so as to adhere to the male screw and generate a loosening prevention force and the diameter of the remaining part of the insert is larger than the diameter of the male screw. The other end of the insert is fixed to a female screw component, such as the nut, by welding, adhesive bonding, etc. A bent portion on the other end of the insert may be fixed by being fitted in a groove in the female screw component.